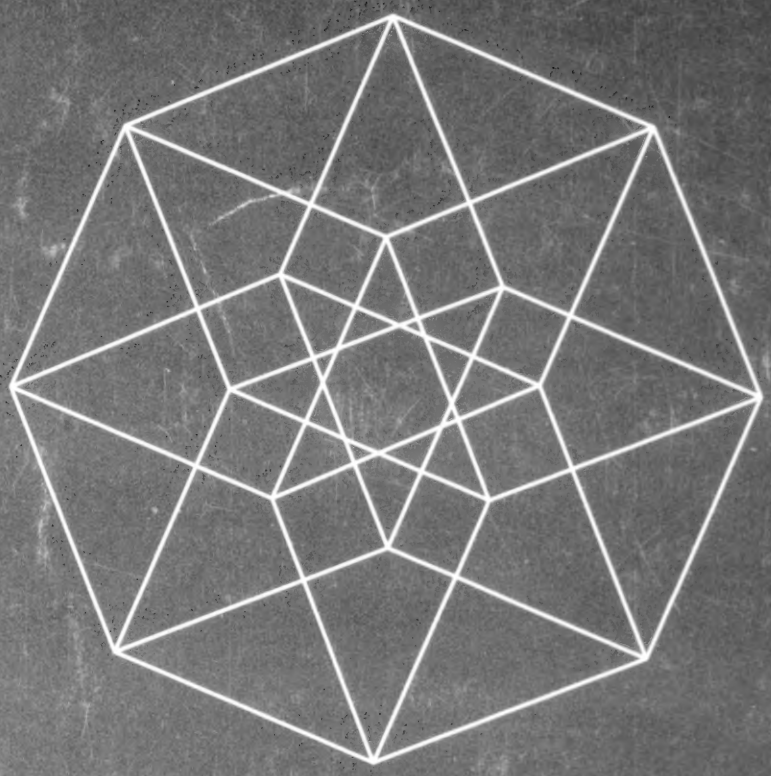
ISSN 0166-218X

DISCRETE APPLIED MATHEMATICS



MASTER INDEX
VOLUMES 101–110
(Book announcements)

COMBINATORIAL
ALGORITHMS
OPTIMIZATION AND
COMPUTER SCIENCE

NORTH-HOLLAND

Abstracted/Indexed in:
ACM Computing Reviews
Cambridge Scientific Abstracts
Current Contents: Physical, Chemical & Earth Sciences
Engineering Index/Compendex
INSPEC Information Services
International Abstracts in Operations Research
Mathematical Reviews
PASCAL
Science Citation Index
Statistical Theory and Method Abstracts
Zentralblatt für Mathematik
Anbar Electronic Intelligence

EDITOR-IN-CHIEF Peter L. Hammer, Piscataway (NJ)

ADVISORY EDITORS

E. Balas, Pittsburgh (PA)
C. Berge, Paris
G.B. Dantzig, Stanford (CA)
P.C. Fishburn, Florham Park (NJ)
T. Ibaraki, Kyoto
V.L. Klee, Seattle (WA)
D.J. Kleitman, Cambridge (MA)
B. Korte, Bonn
B. Trakhtenbrot, Ramat Aviv

BOARD OF EDITORS

N. Alon, Ramat Aviv
D. Avis, Montreal (Que.)
C. Benzaken, Grenoble
J.-C. Bermond, Sophia Antipolis
K.P. Bogart, Hanover (NH)
E. Boros, Piscataway (NJ)
R.E. Burkard, Graz
V. Chvátal, Piscataway (NJ)
D.G. Corneil, Toronto (Ont.)
D. de Werra, Lausanne
S. Fujishige, Osaka
F. Giannessi, Pisa
M.C. Golumbic, Ramat Gan
R.L. Graham, La Jolla (CA)
P. Hansen, Montréal (Qué.)
F. Harary, Las Cruces (NM)
P. Hell, Burnaby (B.C.)
A.J. Hoffman, Yorktown Heights (NY)
S. Istrail, Rockville (MD)
M. Iri, Tokyo
G. Kalai, Jerusalem
R.M. Karp, Berkeley (CA)
J. Krarup, Copenhagen
T. Lengauer, St. Augustin
M. Lomonosov, Beer Sheva
L. Lovász, Redmond (WA)
F. Maffioli, Milano
C. McDiarmid, Oxford
N. Megiddo, San Jose (CA)
R.H. Möhring, Berlin
G.L. Nemhauser, Atlanta (GA)
H. Noltemeïer, Würzburg
P. Pevzner, La Jolla (CA)
A. Prekopa, New Brunswick (NJ)
R.C. Read, Waterloo (Ont.)
F.S. Roberts, Piscataway (NJ)
M. Saks, Piscataway (NJ)
A. Salomaa, Turku
A. Schrijver, Amsterdam
M. Segal, Holmdel (NJ)
R. Shamir, Tel Aviv
Z. Wan, Beijing

EDITORS MATHEMATICAL SOFTWARE SECTION

S. Martello, Bologna
P. Toth, Bologna

EDITORIAL MANAGER Carolyn Sterner, New Brunswick (NJ)

Scope of the Journal

The aim of this journal is to bring together research papers in different areas of algorithmic and applicable discrete mathematics, as well as applications of combinatorial mathematics to computer science, OR and various areas of science and technology.
Contributions presented to the journal can be research papers, short notes, surveys, and possibly research problems. The "Communications" section will be devoted to the fastest possible publication of the brief outlines of recent research results, the detailed presentation of which might be submitted for possible publication in DAM or elsewhere. The journal will also publish a limited number of book announcements, as well as proceedings of conferences.

⊛ The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper)

Printed in The Netherlands

DISCRETE APPLIED MATHEMATICS

DISCRETE APPLIED MATHEMATICS

MASTER INDEX
VOLUMES 101–110

ELSEVIER

Amsterdam – London – New-York – Oxford – Paris – Shannon – Tokyo

© **2001 Elsevier Science B.V. All rights reserved.**

This journal and the individual contributions contained in it are protected under copyright by Elsevier Science B.V., and the following terms and conditions apply to their use:

Photocopying

Single photocopies of single articles may be made for personal use as allowed by national copyright laws. Permission of the publisher and payment of a fee is required for all other photocopying, including multiple or systematic copying, copying for advertising or promotional purposes, resale, and all forms of document delivery. Special rates are available for educational institutions that wish to make photocopies for non-profit educational classroom use.

Permissions may be sought directly from Elsevier Science Rights & Permissions Department, P.O. Box 800, Oxford OX5 1DX, UK; phone: (+44) 1865 843830, fax: (+44) 1865 853333, e-mail: permissions@elsevier.co.uk. You may also contact Rights & Permissions directly through Elsevier's home page (http://www.elsevier.com), selecting first 'Customer Support', then 'General Information', then 'Permissions Query Form'.

In the USA, users may clear permissions and make payments through the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, USA; phone: (+1)(978) 7508400, fax: (+1)(978) 7504744, and in the UK through the Copyright Licensing Agency Rapid Clearance Service (CLARCS), 90 Tottenham Court Road, London W1P 0LP, UK; phone: (+44)171 631 5555; fax: (+44) 171 631 5500. Other countries may have a local reprographic rights agency for payments.

Derivative Works

Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the publisher is required for resale or distribution outside the institution.

Permission of the publisher is required for all other derivative works, including compilations and translations.

Electronic Storage or Usage

Permission of the Publisher is required to store or use electronically any material contained in this journal, including any article or part of an article. Contact the publisher at the address indicated.

Except as outlined above no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the Publisher.

Address permissions requests to: Elsevier Science Rights & Permissions Department, at the mail, fax and e-mail addresses noted above.

Notice

No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein. Because of rapid advances in the medical sciences, in particular, independent verification of diagnoses and drug dosages should be made.

Although all advertising material is expected to conform to ethical (medical) standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality or value of such product or of the claims made of it by its manufacturer.

Editor-in-Chief

P.L. Hammer, RUTCOR, Rutgers, the State University of New Jersey, 640 Bartholomew Road, Piscataway, NJ 08854-8003, USA

Advisory Editors

E. Balas, Carnegie-Mellon University, Graduate School of Industrial Administration, Schenley Park, Pittsburgh, PA 15213, USA
C. Berge, E.R. Combinatoire, Centre de Mathématique Sociale, 54 Boulevard Raspail, 75270 Paris Cedex 06, France
G.B. Dantzig, Stanford University, Department of Operations Research, Terman Engineering Center, Stanford, CA 94305, USA
P.C. Fishburn, AT&T Labs - Research, 180 Park Avenue, Florham Park, NJ 07932-0971, USA
T. Ibaraki, Kyoto University, Faculty of Engineering, Department of Applied Mathematics & Physics, Kyoto 606, Japan
V.L. Klee, University of Washington, Department of Mathematics, Seattle, WA 98195, USA
D.J. Kleitman, Massachusetts Institute of Technology, Department of Mathematics, Cambridge, MA 02139, USA
B. Korte, Universität Bonn, Abteilung Operations Research, Nassestrasse 2, D-5300 Bonn 1, Germany
B. Trakhtenbrot, Tel Aviv University, Department of Computer Science, 69978 Ramat Aviv, Tel Aviv, Israel

Board of Editors

N. Alon, Tel Aviv University, Department of Mathematics, Ramat Aviv, 69978 Tel Aviv, Israel
D. Avis, McGill University, School of Computer Science, 3480 University, Montreal, Quebec H3A 2A7, Canada
C. Benzaken, Laboratoire Leibniz, IMAG, 46 av. Felix Viallet, F-38031 Grenoble Cedex 1, France
J.-C. Bermond, Project MASCOTTE, I3S-INRIA, 2004 Route des Lucioles, BP 93, F-06902 Sophia-Antipolis, France
K.P. Bogart, Dartmouth College, Department of Mathematics, 6188 Bradley Hall, Hanover, NH 03755, USA
E. Boros, RUTCOR/Rutgers, the State University of New Jersey, 640 Bartholomew Road, Piscataway, NJ 08854-8003, USA
R.E. Burkard, Technische Universität Graz, Institut für Mathematik, Steyergasse 30, A-8010 Graz, Austria
V. Chvatal, Rutgers, the State University of New Jersey, Department of Computer Science, Hill Center, Piscataway, NJ 08854-8003, USA
D.G. Corneil, University of Toronto, Department of Computer Science, Toronto, Ontario, M5S 1A4, Canada
D. de Werra, École Polytechnique Fédérale de Lausanne, Departement de Mathématiques, MA Ecublens, Lausanne, CH-1015, Switzerland
S. Fujishige, Division of Systems Science, Graduate School of Engineering Science, Osaka University, Toyonaka, Osaka 560-8531, Japan
F. Giannessi, Universita di Pisa, Dipartimento di Matematica, Via Buonarroti 2, I-156100 Pisa, Italy
M.C. Golumbic, Bar-Ilan University, Department of Mathematics and Computer Science, Ramat Gan, Israel
R.L. Graham, University of California – San Diego, Department of Computer Science and Engineering, La Jolla, CA 92093-0114, USA
P. Hansen, GERAD-HEC, École Polytechnique Montréal, 5255 Ave. Decelles, Montréal, Quebec H3T 1V6, Canada

F. Harary, New Mexico State University, Department of Computer Science, Box 30001, Las Cruces, NM 88003-8001, USA
P. Hell, Simon Fraser University, Department of Computer Science, Burnaby, British Columbia, V5A 1S6, Canada
A.J. Hoffman, IBM Thomas Watson Research Center, Mathematical Sciences Department, P.O. Box 218, Yorktown Heights, NY 10598, USA
S. Istrail, Informatics Research, Celera Genomics, 45 West Gude Drive, Rockville, MD 20850, USA
M. Iri, Chuo University, Department of Information & System Engineering, 1-13-27 Kasuga, Bunkyo-Ku, Tokyo 112, Japan
G. Kalai, The Hebrew University, Department of Mathematics, Givat Ram, Jerusalem 91904, Israel
R.M. Karp, University of California, Computer Science Division, MC 1776, Berkeley, CA 94720-1776, USA
J. Krarup, University of Copenhagen, Department of Computer Science, Universitetsparken 1, DK-2100 Copenhagen Ø, Denmark
T. Lengauer, GMD-SCAI, Schloss Birlinghoven, D-53754 Sankt. Augustin, Germany
M. Lomonosov, Ben Gurion University of the Negev, Department of Mathematics & Computer Science, P.O. Box 653, Beer Sheva 84105, Israel
L. Lovász, Microsoft Research, One Microsoft Way, Redmond, WA 98052, USA
F. Maffioli, Politecnico di Milano, Dipartimento di Elettronica, Piazza Leonardo da Vinci 32, I-20133 Milano, Italy
C. McDiarmid, University of Oxford, Department of Statistics, 1 South Parks Road, Oxford OX1 3TG, UK
N. Megiddo, IBM Almaden Research Center, 650 Harry Road, San Jose, CA 95120-6099, USA
R.H. Möhring, Technische Universität Berlin, Fachbereich Mathematik (MA 6-1), Strasse des 17 Juni 136, D-10623 Berlin, Germany
G.L. Nemhauser, Georgia Institute of Technology, School of Industrial & Systems Engineering, Atlanta, GA 30332-0205, USA
H. Noltemeier, Universität Würzburg, Institut für Informatik I, Am Hubland, D-97074 Würzburg, Germany
P. Pevzner, University of California San Diego, Department of Computer Science and Engineering, APM 3132, 9500 Gilman Drive Dept. 0114, La Jolla, CA 92093-0114, USA
A. Prekopa, Rutgers, the State University of New Jersey, RUTCOR, 640 Bartholomew Road, Piscataway, NJ 08854-8003, USA
R.C. Read, University of Waterloo, Department of Combinatorics and Optimization, Waterloo, Ontatio, N2L 3G1, Canada
F.S. Roberts, Rutgers, the State University of New Jersey, Department of Mathematics, Hill Center, Piscataway, NJ 08855, USA
M. Saks, Rutgers, the State Univesity of New Jersey, Department of Mathematics, Hill Center, Piscataway, NJ 0855, USA
A. Salomaa, University of Turku, Academy of Finland and Math. Dept., FI-20500 Turku 50, Finland
A. Schrijver, CWI, P.O. Box 94079, Kruislaan 413, 1090 GB Amsterdam, The Netherlands
M. Segal, AT&T Bell Laboratories, 101 Crawfords Corner Road, Holmdel, NJ 07733, USA
R. Shamir, Tel Aviv University, School of Mathematics, Tel Aviv 69978, Israel
Z. Wan, Academia Sinica, Institute of Systems Science, Beijing 100080, China

Editors Mathematical Software Section

S. Martello, DEIS Universita di Bologna, Viale Risogimento 2, 40136, Bologna, Italy
P. Toth, DEIS, Universita di Bologna, Viale Risogimento 2, 40136, Bologna, Italy

ELSEVIER

DISCRETE
APPLIED
MATHEMATICS

List of Referees: Volumes 101–110

DISCRETE APPLIED MATHEMATICS has continuously benefitted from the kind assistance of a great number of referees. We hereby express our gratitude for their sustained efforts, without which our activity could not have been carried out.

The Editors

K.I. Aardal
A.A. Ageev
F. Aguilo-Gost
R. Ahlswede
M. Aigner
A. Ainouche
S. Akturk
Y. Alavi
G. Alexe
J-P. Allouche
N. Alon
D. Amar
F.S. Annexstein
M.H.G. Anthony
B. Apolloni
E. Arikan
H. Ariyoshi
T. Asano
Y. Azar

L. Babel
M. Baiou
M. Bakonyi
E. Balas
J. Balogh
J. Bang-Jensen
A. Bar-Noy
F. Barahona
J.P. Barthelemy
J.E. Beasley
B. Beauquier
J. Beck
L.W. Beineke
N. Beldiceanu
R.C. Benjamin
F.E. Bennett
Y. Benoist
K.A. Berman
O. Berman
J-C. Bermond
A. Berry
J. Berstel
V. Berthe
A.A. Bertossi
S. Bezrukov
M. Bianchini
T.C. Biedl
J. Blazewicz
C. Blundo
A. Bockmayr
H.L. Bodlaender
F.T. Boesch
P. Bofill
K.P. Bogart
E. Bolker
J-P. Bordat
E. Boros
A. Brandstadt
G.R. Brightwell
R.A. Brualdi
J. Bruck
P. Brucker
L. Brunetta
M. Budinich
R.E. Burkard

CAI Leizhen
C.S. Calude
A. Caprara
K. Cechlarova
E. Cela
CHANG Gerard J
G. Chartrand
CHEN Chiuyuan
CHENG Siu-Wing
C. Choffrut
S. Chopra
P. Chretienne
D. Cieslik
E. G. Coffman
C. J. Colbourn
W. Cook
D.G. Corneil
G. Cornuejols
L.J. Cowen
R.W. Craigen
Y. Crama

H. Crapo
H. Crauwels
K. Culik II
D. Cvetkovic

D. Dabic
G. Dahl
E. Dahlhaus
P. Damaschke
P. Dankelmann
K. Darby-Dowman
A. Davenport
W. de Launey
D. de Werra
V. Deineko
M. Dell'Amico
C. Delorme
M. Didi Biha
G. Ding
J.H. Dinitz
T. Dowling
F.F. Dragan
A.W.M. Dress
M. Dror
M. Drozdowski
DU Ding-Zhu
F. Durand

F. Eisenbrand
M.H. El-Zahar
D. Eppstein
F.O. Ergincan
T. Etzion

T. Fahle
U. Faigle
B. Faltings
FAN Genghua
R.J. Faudree
U. Feige
S.P. Fekete
M.R. Fellows
W. Fernandez de la Vega
G. Fertin
B. Fichet
G. Finke
M. Fischetti
P.C. Fishburn
F.V. Fomin
J. Fonlupt
M. Forti
S. Fortune
L.R. Foulds
R. Fourer
A.S. Fraenkel
P. Fraigniaud
J.V. Franco
R. Freund
E. Friedgut
A.M. Frieze
H. Fripertinger
S. Fujishige
S. Fujita
K. Fukuda
Z. Furedi

B. Gaertner
G. Gallo
B. Ganter
L. Gargano
M. Garzon
F. Gavril
S. Gawiejnowicz
F. Gecseg
W.V. Gehrlein
I. Gessel
G. Ghiani
K. Giaro
E. Girlich
F. Glover
M.X. Goemans
A. Goerdt
B. Goldengorin
O. Goldschmidt
M.C. Golumbic
C.P. Gomes
M. Gould
L. Gouveia
J.E. Graver
B. Grunbaum
GUO Yubao
V.A. Gurvich
I. Gutman
F. Guzman

W.H. Haemers
G. Hahn
S.L. Hakimi
L.A. Hall
N.G. Hall
M.M. Halldorsson
H.W. Hamacher
L.G.C. Hamey
D. Handke
T. Harju
S.G. Hartke
A. Hartman
B.L. Hartnell
R. Hassin
T. Hasunuma
P.E. Haxell
R.B. Hayward
A. Hertz
P. Hitczenko
A.M. Hobbs
W. Hochstaettler
R. Holzman
I. Honkala
K.J. Horadam
C. Huafei Yan
G. Hurlbert
F. Hurtado
HWANG Frank K

T. Ibaraki
L. Ibarra
H. Imai
Y.J. Ionin
R.W. Irving
G. Isaak
N. Ito

J. Jackson
A. Janiak
J.C.M. Janssen
S. Jendrol
P.K. Jha
R.E. Johnston
T. Jordan
D. Jungnickel

J. Kahn
J. Kallrath
B. Kalyanasundaram
J. Karhumaki
J.J. Kari
L. Kari
M. Karpinski
L. Kaszonyi
N. Katoh
P.M. Kayll
D. Kelly
Kemp Rainer
W. Kern
H. Kimura
V. King
N.G. Kinnersley
L. Kirousis
K.A. Klamroth
S. Klavzar
V. Klee
D.J. Klein
H. Kleine Buening
W.F. Klostermeyer
M. Knor
B. Korte
J. Kortelainen
C. Koukouvinos
M.Y. Kovalyov
J. Krarup
J. Kratochvil
D. Kratsch
S.A. Kravchenko
S.C. Kremer
U. Kruger

M. Kubale
W. Kubiak
G. Kubicki
L. Kucera
A. Kuechler
O. Kullmann

R. Labahn
F. Laburthe
LAI Hong-Jian
A. Langevin
M.A. Langston
G. Laporte
R. Laundy
F. Lazebnik
B. Leclerc
LEE Jimmy
LEE Jonathan
R.A. Leese
H. Lefmann
Lei Lei
M. Lemos
A. Letchford
Y. Levin
E.V. Levner
A. Liebers
A.L. Liestman
C.C. Lindner
V.A. Liskovets
S. Litsyn
LIU Jiping
LIU Ying
E.K. Lloyd
A. Lokketangen
LOU Dingjun
L. Lovasz
T.J. Lowe
V.V. Lozin
B.D. Lubachevsky

J. MacGregor Smith
F. Maffioli
F. Maffray

M.J. Magazine
M. Maggini
A.R. Mahjoub
K. Makino
D.F. Manlove
C. Mannino
H. Marchand
F. Margot
I. Maros
S. Martello
J. Masso
M. Matamala
J.F. Maurras
E.W. Mayr
J. Mazoyer
C. McDiarmid
L.A. McGeoch
T.A. McKee
N. Megiddo
J. Meidanis
R.A. Melter
M. Mendes-France
A. Menezes
R. Meshulam
M. Minoux
P.B. Mirchandani
C. Miragade Figueiro
R.H. Moehring
R.H. Mohring
B. Monien
B. Monjardet
C. Moore
R. Mosca
G. Mosheiov
H. Mueller
R.C. Mullin
I. Munro
K. Murota
C.M. Mynhardt

S. N'Dong
H. Nagamochi
A. Nakayama

D. Naor
H. Narayanan
C. St. J. Nash-Williams
J.B. Nation
L. Nebesky
H. Noltemeier
Z. Nutov

J. O'Rourke
B. Obrenic
W. Ogata
S. Olariu
J.B. Orlin
P.R.J. Ostergard
K. Ota
S. Ovchinnikov

P.P. Palfy
F. Parisi Presicce
K.G. Paterson
P. Pattison
U.N. Peled
D. Peleg
S. Peng
T. Pentilla
H. Petersen
V. Petrovic
C. Peyrat
K.T. Phelps
C. Picouleau
J. Pieprzyk
R.E. Pippert
J. Plesnik
A. Pluhar
R.C. Powers
M. Preissmann
D. Pretolani
H. Prodinger
A. Prodon
H.J. Proemel
J. Propp
A. Proskurowski

J.S. Provan
A.P. Punnen

A. Quilliot

D.J. Rader, Jr.
G. Ramalingam
J-X. Rampon
D. Rautenbach
V.J. Rayward-Smith
R.C. Read
A. Recski
B. Reed
P. Refalo
F. Rendl
C.A. Rodger
Y. Roditty
V. Rodl
R. Rodosek
G. Romanin Jacur
H.E. Romeijn
I.G. Rosenberg
G. Rote
U.G. Rothblum
D.H. Rouvray
F. Ruskey

D.G. Saari
H. Sachs
A. Saito
J.J. Salazar
A. Salomaa
R. Salustowicz
A. Sassano
F. Scarselli
G. Schaeffer
E.R. Scheinerman
I. Schiermeyer
A. Schrijver
U.P. Schroeder
C. Schulte
E. Schulte
R. Schultz

A.S. Schulz
A.J. Schwenk
B. Selman
O. Serra
R. Shamir
M. Sharir
J. Shawe-Taylor
H.D. Sherali
Y. Shibata
D.R. Shier
H.T. Siegelmann
B. Simeone
A. Sinclair
N.J.A. Sloane
G. Slutzki
B. Smith
J.S. Snoeyink
V. Soltan
E. Sopena
D. Sotteau
F. Soumis
E. Speckenmeyer
A. Sperduti
F.C.R. Spieksma
J. Spinrad
I.G. Sprinkhuizen-Kuyper
A. Srivastav
M.A. Steel
G. Steiner
D.R. Stinson
M. Stoer-Opperud
V.A. Strusevich
T. Stutzle
C.L. Suffel
K. Sugihara
D.P. Sumner
V.P. Suprun
O. Sykora
J.L. Szwarcfiter

T. Takabatake
Y. Takenaga
A. Tamir

A.D. Taylor
G. Tecchiolli
A. Thayse
A.G. Thomason
C. Thomassen
G. Tinhofer
P. Toth
R. Trapp
N. Trinajstic
S. Troubetzkoy
K. Truemper
A. Tucker
R.I. Tyshkevich

S. Ueno
E. Ukkonen

U. Vaccaro
J. van den Berg
A. Van Gelder
S. Van Hoesel
J.H. Vande Vate
E. Vigoda
B. Vizvari
M. Voigt
L. Volkmann

B. von Stengel
S. Voss
I. Vrt'o
J. Vygen

A.P.M. Wagelmans
D. Wagner
E. Wagneur
T. Walsh
WAN Pengjun
WANG Hong
M.E. Watkins
W.D. Weakley
WEI Ruizhong
K. Weihe
D.J.A. Welsh
W. Wenzel
D.B. West
E.G. Whitehead, Jr.
P. Widmayer
R. Wille
H.C. Williams
G.J. Woeginger
H. Wolkowicz
L.A. Wolsey
D.R. Woodall

N.C. Wormald
Wu Lisheng

Xu Lei

Yamada, Mieko
YAN Ji Yi
H.P. Yap
J.L.A. Yebra
YEO Anders
YIN Jianxing
Ying Miao
YU Shyr-Shen
R. Yuster

G. Zambelli
ZANG Wenan
T. Zaslavsky
A.H. Zemanian
J. Zerovnik
ZHAO Cheng
D. Ziadi
G.M. Ziegler
K. Zimmermann
I.E. Zverovich
W. Zwicker

ELSEVIER

DISCRETE
APPLIED
MATHEMATICS

Master Index: Volumes 101–110

Abbas, N. and L.K. Stewart, Biconvex graphs: ordering and algorithms 103 (2000) 1– 19
Adams, W.P., see H.D. Sherali 101 (2000) 247–267
Agarwala, R., L.G. Biesecker and A.A. Schäffer, Inverse inbreeding coefficient problems with an application to linkage analysis of recessive diseases in inbred populations 104 (2000) 3– 44
Aichholzer, O., F. Aurenhammer, C. Icking, R. Klein, E. Langetepe and G. Rote, Generalized self-approaching curves 109 (2001) 3– 24
Akutsu, T., Dynamic programming algorithms for RNA secondary structure prediction with pseudoknots 104 (2000) 45– 62
Albers, S. and G. Schmidt, Scheduling with unexpected machine breakdowns 110 (2001) 85– 99
Andrade, L., see M.S. Pereira 104 (2000) 229–258
Anstreicher, K.M., M. Fampa, J. Lee and J. Williams, Maximum-entropy remote sampling 108 (2001) 211–226
Arratia, R., B. Bollobás, D. Coppersmith and G.B. Sorkin, Euler circuits and DNA sequencing by hybridization 104 (2000) 63– 96
Aurenhammer, F., see O. Aichholzer 109 (2001) 3– 24
Avriel, M., M. Penn and N. Shpirer, Container ship stowage problem: complexity and connection to the coloring of circle graphs 103 (2000) 271–279

Balinski, M., see M. Baïou 101 (2000) 1– 12
Baïou, M. and M. Balinski, Many-to-many matching: stable polyandrous polygamy (or polygamous polyandry) 101 (2000) 1– 12
Baptiste, P., Scheduling equal-length jobs on identical parallel machines 103 (2000) 21– 32
Barbé, A., Symmetric patterns in the cellular automaton that generates Pascal's triangle modulo 2 105 (2000) 1– 38
Battati, R., A. Bertossi and S. Martello, Editorial 110 (2001) 1
Berger, B., J. King, R. Schwartz and P.W. Shor, Local rule mechanism for selecting icosahedral shell geometry 104 (2000) 97–111
Bertoni, A., P. Campadelli and G. Grossi, An approximation algorithm for the maximum cut problem and its experimental analysis 110 (2001) 3– 12

Bertossi, A., see R. Battati 110 (2001) 1
Bezrukov, S.L., Embedding complete trees into the hypercube 110 (2001) 101–119
Biesecker, L.G., see R. Agarwala 104 (2000) 3– 44
Bilbao, J.M. and P.H. Edelman, The Shapley value on convex geometries 103 (2000) 33– 40
Billionnet, A. and S. Elloumi, Best reduction of the quadratic semi-assignment problem 109 (2001) 197–213
Beüning, H.K., On subclasses of minimal unsatisfiable formulas 107 (2000) 83– 98
Bollobás, B., see R. Arratia 104 (2000) 63– 96
Bonizzoni, P., G.D. Vedova and G. Mauri, Experimenting an approximation algorithm for the LCS 110 (2001) 13– 24
Borie, R.B., see S.B. Horton 103 (2000) 127–139
Brandstädt, A. and V.V. Lozin, A note on α-redundant vertices in graphs 108 (2001) 301–308
Brandstädt, A., F.F. Dragan, V.B. Le and T. Szymczak, On stable cutsets in graphs 105 (2000) 39– 50
Brönnimann, H., C. Burnikel and S. Pion, Interval arithmetic yields efficient dynamic filters for computational geometry 109 (2001) 25– 47
Brunetta, L., M. Conforti and M. Fischetti, A polyhedral approach to an integer multicommodity flow problem 101 (2000) 13– 36
Brunetta, L., F. Maffioli and M. Trubian, Solving the feedback vertex set problem on undirected graphs 101 (2000) 37– 51
Bundschuh, R. and T. Hwa, An analytic study of the phase transition line in local sequence alignment with gaps 104 (2000) 113–142
Burkard, R.E., E. Çela and H. Dollani , 2-Medians in trees with pos/neg weights 105 (2000) 51– 71
Burnikel, C., see H. Brönnimann 109 (2001) 25–47
Buset, D., Maximal cubic graphs with diameter 4 101 (2000) 53– 61
Butkovic, P., Simple image set of (max, +) linear mappings 105 (2000) 73– 86
Butler, J.T., G.W. Dueck, S.N. Yanushkevich and V.P. Shmerko, On the number of generators for transeunt triangles 108 (2001) 309–316

Campadelli, P., see A. Bertoni 110 (2001) 3– 12
Cechlárová, K. and V. Lacko, Persistency in combinatorial optimization problems on matroids 110 (2001) 121–132
Cel, J., On extendibility of voltage and current regimes from subnetworks 105 (2000) 87– 97
Çela, E., see R.E. Burkard 105 (2000) 51– 71
Chang, G.J., B.-L. Chen, H.-L. Fu and K.-C. Huang, Linear k-arboricities on trees 103 (2000) 281–287
Chao, H.S., F.R. Hsu and R.C.T. Lee, An optimal algorithm for finding the minimum cardinality dominating set on permutation graphs 102 (2000) 159–173

Chao, K.-M., see B. Ye Wu 102 (2000) 245–266
Chao, K.-M., see B. Ye Wu 105 (2000) 273–289
Chartrand, G., L. Eroh, M.A. Johnson and O.R. Oellermann, Resolvability in graphs and the metric dimension of a graph 105 (2000) 99–113
Chee, Y.M., C.J. Colbourn and A.C.H. Ling, Asymptotically optimal erasure-resilient codes for large disk arrays 102 (2000) 3– 36
Chen, B., D. Du, J. Han and J. Wen, On-line scheduling of small open shops 110 (2001) 133–150
Chen, B.-L., see G.J. Chang 103 (2000) 281–287
Chen, D.Z., G. Das and M. Smid, Lower bounds for computing geometric spanners and approximate shortest paths 110 (2001) 151–167
Cheon, G.-S. and B.L. Shader, Sparse orthogonal matrices and the Haar wavelet 101 (2000) 63– 76
Cheston, G.A., S.T. Hedetniemi, A.L. Liestman and J.B. Stehman, The even adjacency split problem for graphs 102 (2000) 175–188
Cho, H.H., S.-R. Kim and Y. Nam, The *m*-step competition graph of a digraph 105 (2000) 115–127
Cicerone, S. and G. Stefano, Graphs with bounded induced distance 108 (2001) 3– 21
Colbourn, C. and H. Kharaghani, Coding, Cryptography, and Computer Security 102 (2000) 1– 2
Conforti, M., see L. Brunetta 101 (2000) 13– 36
Coppersmith, D., see R. Arratia 104 (2000) 63– 96
Courcelle, B. and S. Olariu, Upper bounds to the clique width of graphs 101 (2000) 77–114
Courcelle, B., J.A. Makowsky and U. Rotics, On the fixed parameter complexity of graph enumeration problems definable in monadic second-order logic 108 (2001) 23– 52

de Figueiredo, C.M.H., see L. Faria 108 (2001) 65– 83
de Launey, W., D.L. Flannery and K.J. Horadam, Cocyclic Hadamard matrices and difference sets 102 (2000) 47– 61
de Launey, W., On the asymptotic existence of partial complex Hadamard matrices and related combinatorial objects 102 (2000) 37– 45
de Launey, W. and R.M. Stafford, On cocyclic weighing matrices and the regular group actions of certain paley matrices 102 (2000) 63–101
Dahlhaus, E., P. Horak, M. Miller and J.F. Ryan, The train marshalling problem 103 (2000) 41– 54
Damaschke, P., Minus domination in small-degree graphs 108 (2001) 53– 64
Das, G., see D.Z. Chen 110 (2001) 151–167
Dell'Amico, M., A. Lodi and S. Martello, Efficient algorithms and codes for *k*-cardinality assignment problems 110 (2001) 25– 40
Difrawy, S., see M.S. Pereira 104 (2000) 229–258

Dollani , H., see R.E. Burkard 105 (2000) 51– 71
Dragan, F.F., see A. Brandstädt 105 (2000) 39– 50
Drysdale, R.L. (Scot), S. McElfresh and J. Snoeyink, On exclusion regions for optimal triangulations 109 (2001) 49– 65
Du, D., see B. Chen 110 (2001) 133–150
Du, D.-Z., see D.S. Kim 103 (2000) 307–311
Duckworth, W. and M. Zito, Sparse Hypercube 3-spanners 103 (2000) 289–295
Dueck, G.W., see J.T. Butler 108 (2001) 309–316

Eades, P., A. Symvonis and S. Whitesides, Three-dimensional orthogonal graph drawing algorithms 103 (2000) 55– 87
Edelman, P.H., see J.M. Bilbao 103 (2000) 33– 40
Elloumi, S., see A. Billionnet 109 (2001) 197–213
Eroh, L., see G. Chartrand 105 (2000) 99–113

Fampa, M., see K.M. Anstreicher 108 (2001) 211–226
Faria, L., C.M.H. de Figueiredo and C.F.X. Mendonça, SPLITTING NUMBER is NP-complete 108 (2001) 65– 83
Fekete, S.P. and J. Kremer, Tree spanners in planar graphs 108 (2001) 85–103
Felsner, S. and H. Weil, Sweeps, arrangements and signotopes 109 (2001) 67– 94
Fevens, T., H. Meijer and D. Rappaport, Minimum convex partition of a constrained point set 109 (2001) 95–107
Finizio, N.J. and A.J. Merritt, Some new Z-cyclic whist tournaments 101 (2000) 115–130
Fischetti, M., see L. Brunetta 101 (2000) 13– 36
Fishburn, P. and P.E. Wright, Interference patterns in bijective colorings of 2-regular graphs 102 (2000) 189–204
Flannery, D.L., see W. de Launey 102 (2000) 47– 61
Foldes, S. and P.L. Hammer, Disjunctive and conjunctive normal forms of pseudo-Boolean functions 107 (2000) 1– 26
Franzblau, D.S., Generic rigidity of molecular graphs via ear decomposition 101 (2000) 131–155
Fu, H.-L., see G.J. Chang 103 (2000) 281–287

Galli, N., B. Seybold and K. Simon, Tetris–Hashing or optimal table compression 110 (2001) 41– 58
Ganley, J.L. and L.S. Heath, The pagenumber of k-trees is $O(k)$ 109 (2001) 215–221
Génisson, R. and P. Jégou, On the relations between SAT and CSP enumerative algorithms 107 (2000) 27– 40
Goldberg, M.K. and D.L. Hollinger, Designing algorithms by sampling 110 (2001) 59– 75
Golumbic, M.C. and M. Lewenstein, New results on induced matchings 101 (2000) 157–165

Greenlaw, R. and R. Petreschi, Computing Prüfer codes efficiently in parallel 102 (2000) 205–222
Grossi, G., see A. Bertoni 110 (2001) 3– 12

Habib, M., R. Medina, L. Nourine and G. Steiner, Efficient algorithms on distributive lattices 110 (2001) 169–187
Hall, N.G., C.N. Potts and C. Sriskandarajah, Parallel machine scheduling with a common server 102 (2000) 223–242
Halpert, A., F. Lengyel and J. Pach, Cellular telephone networks and random maps in hypergraphs 103 (2000) 111–126
Hammer, P.L., see S. Foldes 107 (2000) 1– 26
Han, J., see B. Chen 110 (2001) 133–150
Han, Y., W. Liang and X. Shen, Very fast parallel algorithms for approximate edge coloring 108 (2001) 227–238
Handke, D., Independent tree spanners: fault-tolerant spanning trees with constant distance guarantees 108 (2001) 105–127
Hanen, C. and A. Munier, An approximation algorithm for scheduling dependent tasks on *m* processors with small communication delays 108 (2001) 239–257
Hasunuma, T. and H. Nagamochi, Independent spanning trees with small depths in iterated line digraphs 110 (2001) 189–211
Heath, L.S., see J.L. Ganley 109 (2001) 215–221
Hedetniemi, S.T., see G.A. Cheston 201 (2001) 175–188
Hirvisalo, V., E. Nuutila and E. Soisalon-Soininen, Transitive closure algorithm MEMTC and its performance analysis 110 (2001) 77– 84
Hochbaum, D.S. and A. Pathria, Approximating a generalization of MAX 2SAT and MIN 2SAT 107 (2000) 41– 59
Hollinger , D.L., see M.K. Goldberg 110 (2001) 59– 75
Holzmann , W.H. and H. Kharaghani, On the orthogonal designs of order 24 102 (2000) 103–114
Horadam , K.J., An introduction to cocyclic generalised Hadamard matrices 102 (2000) 115–131
Horadam, K.J., see W. de Launey 102 (2000) 47– 61
Horak, P., see E. Dahlhaus 103 (2000) 41– 54
Horton, S.B., R.G. Parker and R.B. Borie, On minimum cuts and the linear arrangement problem 103 (2000) 127–139
Hsu, D.F. and X.-D. Hu, On shortest three-edge-connected Steiner networks with Euclidean distance 103 (2000) 141–152
Hsu, F.R., see H.S. Chao 102 (2000) 159–173
Hu, X.-D., see D.F. Hsu 103 (2000) 141–152
Hu, Z.-X., see J.-Y. Shao 105 (2000) 159–172
Huang, K.-C., see G.J. Chang 103 (2000) 281–287

Hurtado, F., M. Noy, P.A. Ramos and C. Seara, Separating objects in the plane by wedges and strips 109 (2001) 109–138
Hvalica, D., Searching for a minimal solution subgraph in explicit AND/OR graphs 110 (2001) 213–225
Hwa, T., see R. Bundschuh 104 (2000) 113–142

Ibaraki, T., see H. Nagamochi 107 (2000) 165–189
Icking, C., see O. Aichholzer 109 (2001) 3– 24
Icking, C., R. Klein, L. Ma, S. Nickel and A. Weißler, On bisectors for different distance functions 109 (2001) 139–161
Ilie, L., G. Păun, G. Rozenberg and A. Salomaa, On strongly context-free languages 103 (2000) 153–165

Jagota, A., G. Narasimhan and Ľ. Šoltés, A Generalization of maximal independent sets 109 (2001) 223–235
Jégou, P., see R. Génisson 107 (2000) 27– 40
Jia, W., see D. Long 109 (2001) 237–252
Johnson, M.A., see G. Chartrand 105 (2000) 99–113

Kagaris, D. and S. Tragoudas, Computational analysis of counter-based schemes for VLSI test pattern generation 110 (2001) 227–250
Kaneko, A. and M. Kano, Straight line embeddings of rooted star forests in the plane 101 (2000) 167–175
Kano, M., see A. Kaneko 101 (2000) 167–175
Karger, B.L., see M.S. Pereira 104 (2000) 229–258
Károlyi, G., Ramsey-remainder for convex sets and the Erdős–Szekeres theorem 109 (2001) 163–175
Kashiwabara, K. and B. Nakano, Envelopes and clutters 101 (2000) 177–185
Kececioglu, J.D., H.-P. Lenhof, K. Mehlhorn, P. Mutzel, K. Reinert and M. Vingron, A polyhedral approach to sequence alignment problems 104 (2000) 143–186
Kern, W. and D. Paulusma, The new FIFA rules are hard: complexity aspects of sports competitions 108 (2001) 317–323
Kharaghani, H., see C. Colbourn 102 (2000) 1– 2
Kharaghani, H., see W.H. Holzmann 102 (2000) 103–114
Khuller, S., A. Rosenfeld and A. Wu, Centers of sets of pixels 103 (2000) 297–306
Kim, D.S., D.-Z. Du and P.M. Pardalos, A coloring problem on the n-cube 103 (2000) 307–311
Kim, S.-R., see H.H. Cho 105 (2000) 115–127
King, J., see B. Berger 104 (2000) 97–111
Klasner, N. and H.U. Simon, General lower bounds on the query complexity within the exact learning model 107 (2000) 61– 81
Klein, D.J., see J.M. Szucs 105 (2000) 225–237

Klein, R., see O. Aichholzer 109 (2001) 3–24
Klein, R., see C. Icking 109 (2001) 139–161
Kranakis, E., D. Krizanc, A. Maheshwari, J.-R. Sack and J. Urrutia, Ray shooting from convex ranges 108 (2001) 259–267
Kremer, J., see S. Fekete 108 (2001) 85–103
Krizanc, D., see E. Kranakis 108 (2001) 259–267
Krumke, S.O., M.V. Marathe, H. Noltemeier, S.S. Ravi and H.-C. Wirth, Upgrading bottleneck constrained forests 108 (2001) 129–142
Kühn, U., A randomized parallel algorithm for Voronoi diagrams based on symmetric convex distance functions 109 (2001) 177–196
Kullmann, O., Investigations on autark assignments 107 (2000) 99–137

Lacko, V., see K. Cechlárová 110 (2001) 121–132
Lam, T.W. and H.F. Ting, Selecting the k largest elements with parity tests 101 (2000) 187–196
Langetepe, E., see O. Aichholzer 109 (2001) 3– 24
Le, V.B., see A. Brandstädt 105 (2000) 39– 50
Lee, J. and D. Wilson, Polyhedral methods for piecewise-linear functions I: the lambda method 108 (2001) 269–285
Lee, J., see K.M. Anstreicher 108 (2001) 211–226
Lee, J.B., see H.-Y. Song 105 (2000) 183–192
Lee, R.C.T., see H.S. Chao 102 (2000) 159–173
Lengyel, F., see A. Halpert 103 (2000) 111–126
Lenhof, H.-P., see J.D. Kececioglu 104 (2000) 143–186
Lewenstein, M., see M.C. Golumbic 101 (2000) 157–165
Li, M., see L. Wang 104 (2000) 281–300
Li Sheng, see F.S. Roberts 103 (2000) 191–207
Liang, W., see Y. Han 108 (2001) 227–238
Liestman, A.L., see G.A. Cheston 102 (2000) 175–188
Lin , X., On the computational complexity of edge concentration 101 (2000) 197–205
Ling, A.C.H., see Y.M. Chee 102 (2000) 3– 36
Liu, Y., see H. Ren 110 (2001) 273–288
Liu, Z. and W. Yu, Scheduling one batch processor subject to job release dates 105 (2000) 129–136
Lodi, A., see M. Dell'Amico 110 (2001) 25– 40
Long, D., W. Jia, J. Ma and D. Zhou, k-p-Infix codes and semaphore codes 109 (2001) 237–252
Lozin, V.V., see A. Brandstädt 108 (2001) 301–308
Lu, C., J. Xu and K. Zhang, On $(d, 2)$-dominating numbers of binary undirected de Bruijn graphs 105 (2000) 137–145
Lu, Y. and Z. Shengyuan, Existence of whist tournaments with the three-person property $3PWh(v)$ 101 (2000) 207–219

Ma, B., see L. Wang 104 (2000) 281–300
Ma, J., see D. Long 109 (2001) 237–252
Ma, L., see C. Icking 109 (2001) 139–161
Maffioli, F., see L. Brunetta 101 (2000) 37– 51
Maheshwari, A., see E. Kranakis 108 (2001) 259–267
Makowsky, J.A., see B. Courcelle 108 (2001) 23– 52
Manolakos, E.S., see M.S. Pereira 104 (2000) 229–258
Marathe, M.V., see S.O. Krumke 108 (2001) 129–142
Marichal, J.-L., The influence of variables on pseudo-Boolean functions with applications to game theory and multicriteria decision making 107 (2000) 139–164
Martello, S., see R. Battati 110 (2001) 1
Martello, S., see M. Dell'Amico 110 (2001) 25– 40
Mauri, G., see P. Bonizzoni 110 (2001) 13– 24
McElfresh, S., see R.L. (Scot) Drysdale 109 (2001) 49– 65
McMorris, F.R., H.M. Mulder and R.C. Powers, The median function on median graphs and semilattices 101 (2000) 221–230
Medina, R., see M. Habib 110 (2001) 169–187
Mehlhorn, K., see J.D. Kececioglu 104 (2000) 143–186
Meijer, H., see T. Fevens 109 (2001) 95–107
Mendonça, C.F.X., see L. Faria 108 (2001) 65– 83
Merritt, A.J., see N.J. Finizio 101 (2000) 115–130
Miller, M., see E. Dahlhaus 103 (2000) 41– 54
Mishra, B., see L. Parida 104 (2000) 203–227
Mitrana, V. and R. Stiebe, Extended finite automata over groups 108 (2001) 287–300
Molnárová, M. and J. Pribiš, Matrix period in max-algebra 103 (2000) 167–175
Morales, D.R., see H.E. Romeijn 103 (2000) 209–235
Mulder, H.M., see F.R. McMorris 101 (2000) 221–230
Mumey, B., Probe location in the presence of errors: a problem from DNA mapping 104 (2000) 187–201
Munier, A., see C. Hanen 108 (2001) 239–257
Mutzel, P., see J.D. Kececioglu 104 (2000) 143–186

Nagamochi, H. and T. Ibaraki, Polyhedral structure of sub-modular and posi-modular systems 107 (2000) 165–189
Nagamochi, H., see T. Hasunuma 110 (2001) 189–211
Nakano, B., see K. Kashiwabara 101 (2000) 177–185
Nam, Y., see H.H. Cho 105 (2000) 115–127
Narasimhan, G., see A. Jagota 109 (2001) 223–235
Nickel, S., see C. Icking 109 (2001) 139–161
Nogueira, P., On the combinatorics of leftist trees 109 (2001) 253–278
Noltemeier, H., see S.O. Krumke 108 (2001) 129–142

Nourine, L., see M. Habib 110 (2001) 169–187
Noy, M., see F. Hurtado 109 (2001) 109–138
Nuutila, E., see V. Hirvisalo 110 (2001) 77– 84

Oda, Y., An asymmetric analogue of van der Veen conditions and the traveling salesman problem 109 (2001) 279–292
Oellermann, O.R., see G. Chartrand 105 (2000) 99–113
Olariu, S., see B. Courcelle 101 (2000) 77–114

Pach, J., see A. Halpert 103 (2000) 111–126
Pak, I. and V.H. Vu, On mixing of certain random walks, cutoff phenomenon and sharp threshold of random matroid processes 110 (2001) 251–272
Pardalos, P.M., see D.S. Kim 103 (2000) 307–311
Parida, L. and B. Mishra, Partitioning single-molecule maps into multiple populations: algorithms and probabilistic analysis 104 (2000) 203–227
Parker, R.G., see S.B. Horton 103 (2000) 127–139
Pathria, A., see D.S. Hochbaum 107 (2000) 41– 59
Paulusma, D., see W. Kern 108 (2001) 317–323
Peitgen, H.-O., see F. von Haeseler 103 (2000) 89–109
Penn, M., see M. Avriel 103 (2000) 271–279
Pereira, M.S., L. Andrade, S. Difrawy, B.L. Karger and E.S. Manolakos, Statistical learning formulation of the DNA base-calling problem and its solution in a Bayesian EM framework 104 (2000) 229–258
Perkins, S. and D.H. Smith, A scheme for the synchronization of variable length codes 101 (2000) 231–245
Petreschi, R., see R. Greenlaw 102 (2000) 205–222
Pieprzyk, J., see C. Qu 102 (2000) 133–139
Pion, S., see H. Brönnimann 109 (2001) 25– 47
Poet, J.L. and B.L. Shader, Score certificate numbers of upset tournaments 103 (2000) 177–189
Potts, C.N., see N.G. Hall 102 (2000) 223–242
Powers, R.C., see F.R. McMorris 101 (2000) 221–230
Pribiš, J., see M. Molnárová 103 (2000) 167–175
Păun, G., see L. Ilie 103 (2000) 153–165

Qu, C., J. Seberry and J. Pieprzyk, Homogeneous bent functions 102 (2000) 133–139

Ramos, P.A., see F. Hurtado 109 (2001) 109–138
Rappaport, D., see T. Fevens 109 (2001) 95–107

Ravi, S.S., see S.O. Krumke 108 (2001) 129–142
Reinert, K., see J.D. Kececioglu 104 (2000) 143–186
Ren, H. and Y. Liu, Enumerating near-4-regular maps on the sphere and the torus 110 (2001) 273–288
Régnier, M., A unified approach to word occurrence probabilities 104 (2000) 259–280
Roberts, F.S. and Li Sheng, Phylogeny numbers for graphs with two triangles 103 (2000) 191–207
Romeijn, H.E. and D.R Morales, A class of greedy algorithms for the generalized assignment problem 103 (2000) 209–235
Rosenfeld, A., see S. Khuller 103 (2000) 297–306
Rote, G., see O. Aichholzer 109 (2001) 3– 24
Rotics, U., see B. Courcelle 108 (2001) 23– 52
Rozenberg, G., see L. Ilie 103 (2000) 153–165
Röttger, M. and U.-P. Schroeder, Efficient embeddings of grids into grids 108 (2001) 143–173
Rusu, I. and J. Spinrad, Domination graphs: examples and counterexamples 110 (2001) 289–300
Ryan, J.F., see E. Dahlhaus 103 (2000) 41– 54

Sack, J.-R., see E. Kranakis 108 (2001) 259–267
Salomaa, A., see L. Ilie 103 (2000) 153–165
Sauerhoff, M., I. Wegener and R. Werchner, Optimal ordered binary decision diagrams for read-once formulas 103 (2000) 237–258
Schäffer, A.A., see R. Agarwala 104 (2000) 3– 44
Schmidt, G., see S. Albers 110 (2001) 85– 99
Schroeder, U.-P., see M. Röttger 108 (2001) 143–173
Schwartz, R., see B. Berger 104 (2000) 97–111
Seara, C., see F. Hurtado 109 (2001) 109–138
Seberry, J., see C. Qu 102 (2000) 133–139
Semple , C. and M. Steel, A supertree method for rooted trees 105 (2000) 147–158
Seybold, B., see N. Galli 110 (2001) 41– 58
Shader, B.L., see G.-S. Cheon 101 (2000) 63– 76
Shader, B.L., see J.L. Poet 103 (2000) 177–189
Shahrokhi, F. and L.A. Székely, Constructing integral uniform flows in symmetric networks with application to the edge-forwarding index problem 108 (2001) 175–191
Shao, J.-Y. and Z.-X. Hu, Characterizations of some classes of strong sign nonsingular digraphs 105 (2000) 159–172
Shen, X., see Y. Han 108 (2001) 227–238
Shengyuan, Z., see Y. Lu 101 (2000) 207–219
Shepherd, B. and L. Zhang, A cycle augmentation algorithm for minimum cost multicommodity flows on a ring 110 (2001) 301–315

Sherali, H.D., J.C. Smith and W.P. Adams, Reduced first-level representations via the reformulation-linearization technique: results, counterexamples, and computations 101 (2000) 247–267
Shinoda, K. and M. Yamada, A family of Hadamard matrices of dihedral group type 102 (2000) 141–150
Shmerko, V.P., see J.T. Butler 108 (2001) 309–316
Shor, P.W., see B. Berger 104 (2000) 97–111
Shpirer, N., see M. Avriel 103 (2000) 271–279
Sierksma, G. and R.H. Teunter, Partial monotonizations of Hamiltonian cycle polytopes: dimensions and diameters 105 (2000) 173–182
Simon, H.U., see N. Klasner 107 (2000) 61– 81
Simon, K., see N. Galli 110 (2001) 41– 58
Skordev, G., see F. von Haeseler 103 (2000) 89–109
Smid, M., see D.Z. Chen 110 (2001) 151–167
Smith, D.H., see S. Perkins 101 (2000) 231–245
Smith, J.C., see H.D. Sherali 101 (2000) 247–267
Snoeyink, J., see R.L. (Scot) Drysdale 109 (2001) 49– 65
Soisalon-Soininen, E., see V. Hirvisalo 110 (2001) 77– 84
Šoltés, Ľ., see A. Jagota 109 (2001) 223–235
Song, H.-Y. and J.B. Lee, On (n,k)-sequences 105 (2000) 183–192
Sorkin, G.B., see R. Arratia 104 (2000) 63– 96
Spinrad, J., see I. Rusu 110 (2001) 289–300
Sriskandarajah, C., see N.G. Hall 102 (2000) 223–242
Stafford, R.M., see W. de Launey 102 (2000) 63–101
Steel, M., see C. Semple 105 (2000) 147–158
Stefano, G., see S. Cicerone 108 (2001) 3– 21
Stehman, J.B., see G.A. Cheston 102 (2000) 175–188
Steiner, G., see M. Habib 110 (2001) 169–187
Stewart, L.K., see N. Abbas 103 (2000) 1– 19
Stiebe, R., see V. Mitrana 108 (2001) 287–300
Stoichev, S. and V.D. Tonchev, Unital designs in planes of order 16 102 (2000) 151–158
Sun, Z.-H., Congruences concerning Bernoulli numbers and Bernoulli polynomials 105 (2000) 193–223
Symvonis, A., see P. Eades 103 (2000) 55– 87
Székely, L.A., see F. Shahrokhi 108 (2001) 175–191
Szucs, J.M. and D.J. Klein, Regular affine tilings and regular maps on a flat torus 105 (2000) 225–237
Szymczak, T., see A. Brandstädt 105 (2000) 39– 50

Takenaga, Y. and S. Yajima, Hardness of identifying the minimum ordered binary decision diagram 107 (2000) 191–201

Talamo, M. and P. Vocca, Representing graphs implicitly using almost optimal space 108 (2001) 193–210
Tamir, A., The *k*-centrum multi-facility location problem 109 (2001) 293–307
Taylor, A.D. and W.S. Zwicker, Trading properties and Alexandrov kernels for Boolean functions 107 (2000) 203–214
Teunter, R.H., see G. Sierksma 105 (2000) 173–182
Thilikos , D.M., Algorithms and obstructions for linear-width and related search parameters 105 (2000) 239–271
Ting, H.F., see T.W. Lam 101 (2000) 187–196
Tonchev, V.D., see S. Stoichev 102 (2000) 151–158
Tragoudas, S., see D. Kagaris 110 (2001) 227–250
Trubian, M., see L. Brunetta 101 (2000) 37– 51

Ueda, T., Reflectiveness and compression of threshold transformations 107 (2000) 215–224
Urrutia, J., see E. Kranakis 108 (2001) 259–267

van Maaren, H. and J.P. Warners, Bounds and fast approximation algorithms for binary quadratic optimization problems with application to MAX 2SAT 107 (2000) 225–239
van Maaren, H., see J.P. Warners 107 (2000) 241–259
Vedova, G.D, see P. Bonizzoni 110 (2001) 13– 24
Verriet, J., Scheduling tree-like task systems with non-uniform deadlines subject to unit-length communication delays 101 (2000) 269–289
Vingron, M., see J.D. Kececioglu 104 (2000) 143–186
Vocca, P., see M. Talamo 108 (2001) 193–210
von Haeseler, F., H.-O. Peitgen and G. Skordev, On the fractal structure of the rescaled evolution set of Carlitz sequences of polynomials 103 (2000) 89–109
Vu, V.H., see I. Pak 110 (2001) 251–272

Wang, L., B. Ma and M. Li, Fixed topology alignment with recombination 104 (2000) 281–300
Warners, J.P. and H. van Maaren, Solving satisfiability problems using elliptic approximations – effective branching rules 107 (2000) 241–259
Warners, J.P., see H. van Maaren 107 (2000) 225–239
Wegener, I., see M. Sauerhoff 103 (2000) 237–258
Weil, H., see S. Felsner 109 (2001) 67– 94
Weißler, A., see C. Icking 109 (2001) 139–161
Wen, J., see B. Chen 110 (2001) 133–150
Werchner, R., see M. Sauerhoff 103 (2000) 237–258
Whitesides, S., see P. Eades 103 (2000) 55– 87
Williams, J., see K.M. Anstreicher 108 (2001) 211–226

Wilson, D., see J. Lee	108 (2001) 269–285
Wirth, H.-C., see S.O. Krumke	108 (2001) 129–142
Woeginger, G.J., A note on the depth function of combinatorial optimization problems	108 (2001) 325–328
Wright, P.E., see P. Fishburn	102 (2000) 189–204
Wu, A., see S. Khuller	103 (2000) 297–306
Xing, W. and J. Zhang, Parallel machine scheduling with splitting jobs	103 (2000) 259–269
Xu, J., see C. Lu	105 (2000) 137–145
Yajima, S., see Y. Takenaga	107 (2000) 191–201
Yamada, M., see K. Shinoda	102 (2000) 141–150
Yamazaki, K., On approximation intractability of the path–distance–width problem	110 (2001) 317–325
Yanushkevich, S.N., see J.T. Butler	108 (2001) 309–316
Ye Wu, B., K.-M. Chao and C. Yi Tang, Approximation algorithms for some optimum communication spanning tree problems	102 (2000) 245–266
Ye Wu, B., K.-M. Chao and C. Yi Tang, Approximation algorithms for the shortest total path length spanning tree problem	105 (2000) 273–289
Yi Tang, C., see B. Ye Wu	102 (2000) 245–266
Yi Tang, C., see B. Ye Wu	105 (2000) 273–289
Yu, W., see Z. Liu	105 (2000) 129–136
Zhang , L., see B. Shepherd	110 (2001) 301–315
Zhang, F., see H. Zhang	105 (2000) 291–311
Zhang, G., An on-line bin-batching problem	108 (2001) 329–333
Zhang, H. and F. Zhang, Plane elementary bipartite graphs	105 (2000) 291–311
Zhang, J., see W. Xing	103 (2000) 259–269
Zhang, K., see C. Lu	105 (2000) 137–145
Zhou, D., see D. Long	109 (2001) 237–252
Zito, M., see W. Duckworth	103 (2000) 289–295
Zwicker, W.S., see A.D. Taylor	107 (2000) 203–214

ELSEVIER

Discrete Applied Mathematics 111 (2001) 21–24

DISCRETE
APPLIED
MATHEMATICS

Book announcements

Jesus Mario Bilbao
COOPERATIVE GAMES ON COMBINATORIAL STRUCTURES
Kluwer Academic Publishers, Norwell, MA (USA),
Dordrecht, the Netherlands, 2000, 344pp.

Table of Contents

Chapter 1: Structures (games, graphs, matroids, and greedoids)
Chapter 2: Linear Optimization Methods
Chapter 3: Discrete Convex Analysis
Chapter 4: Computational Complexity
Chapter 5: Restricted Games by Partition Systems
Chapter 6: Restricted Games by Union Stable Systems
Chapter 7: Values for Games on Convex Geometrics
Chapter 8: Values for Games on Matroids
Chapter 9: The Core, the Selectope, and the Weber Set
Chapter 10: Simple Games on Closure Spaces
Chapter 11: Voting Power
Chapter 12: Computing Values with Mathematica
Bibliography
Index

Bernhard Korte and Jens Vygen
COMBINATORIAL OPTIMIZATION: THEORY AND ALGORITHMS
Springer, New York, NY, 2000, 530pp.

Table of Contents:

Chapter 1: Introduction
Chapter 2: Graphs
Chapter 3: Linear Programming
Chapter 4: Linear Programming Algorithms
Chapter 5: Integer Programming
Chapter 6: Spanning Trees and Arborescences
Chapter 7: Shortest Paths
Chapter 8: Network Flows

Chapter 9: Minimum Cost Flows
Chapter 10: Maximum Matchings
Chapter 11: Weighted Matching
Chapter 12: b-Matchings with T-Joins
Chapter 13: Matroids
Chapter 14: Generalizations of Matroids
Chapter 15: *NP*-Completeness
Chapter 16: Approximation Algorithms
Chapter 17: The Knapsack Problem
Chapter 18: Bin-Packing
Chapter 19: Multicommodity Flows and Edge-Disjoint Paths
Chapter 20: Networks Design Problems
Chapter 21: The Traveling Salesman Problem
Notation
index
Author index
Subject index

Richard O. Duda, David G. Stork, Peter E. Hart
PATTERN CLASSIFICATION, Second Edition
John Wiley & Sons Inc., New York, NY
2000, 624 pages

Table of Contents

Chapter 1: Introduction
Chapter 2: Bayesian Decision Theory
Chapter 3: Maximum-Likelihood and Bayesian Estimation
Chapter 4: Nonparametric Techniques
Chapter 5: Linear Discriminant Functions
Chapter 6: Multilayer Neutral Networks
Chapter 7: Stochastic Methods
Chapter 8: Nonmetric Methods
Chapter 9: Algorithm-Independent Machine Learning
Chapter 10: Unsupervised Learning and Clustering
Appendix A: Mathematical Foundations
Index

Nello Cristianini and John Shawe-Taylor
AN INTRODUCTIONS TO SUPPORT VECTOR MACHINES AND OTHER KERNEL-BASED LEARNING METHODS

Cambridge University Press, New York, NY
2000, 189 pages

Table of Contents

Preface
Notation
Chapter 1: The Learning Methodology
1.1 Supervised Learning
1.2 Learning and Generalisation
1.3 Improving Generalisation
1.4 Attractions and Drawbacks of Learning
1.5 Support Vector Machines for Learning
1.6 Exercises
1.7 Further Reading and Advanced Topics

Chapter 2: Liner Learning Machines
2.1 Linear Classification
2.2 Linear Regression
2.3 Dual Representation of Linear Machines
2.4 Exercises
2.5 Further Reading and Advanced Topics

Chapter 3: Kernel-Induced Feature Spaces
3.1 Learning in Feature Spaces
3.2 The Implicit Mapping into Feature Spaces
3.3 Making Kernels
3.4 Working in Feature Spaces
3.5 Kernels and Gaussian Processes
3.6 Exercises
3.7 Further Reading and Advanced Topics

Chapter 4: Generalisation Theory
4.1 Probably Approximately Correct Learning
4.2 Vapnik Chervonenkis (VC) Theory
4.3 Margin-Based Bounds on Generalisation
4.4 Other Bounds on Generalisation and Luckiness
4.5 Generalisation for Regression
4.6 Bayesian Analysis for Learning
4.7 Exercises
4.8 Further Reading and Advanced Topics

Chapter 5: Optimisation Theory
5.1 Problem Formulation

5.2 Lagrangian Theory
5.3 Duality
5.4 Exercises
5.5 Further Reading and Advanced Topics

Chapter 6: Support Vector machines
6.1 Support Vector Classification
6.2 Support Vector Regression
6.3 Discussion
6.4 Exercises
6.5 Further Reading and Advanced Topics

Chapter 7: Implementation techniques
7.1 General Issues
7.2 The Naive Solution: Gradient Ascent
7.3 General Techniques and Packages
7.4 Chunking and Decomposition
7.5 Sequential Minimal Optimisation (SMO)
7.6 Techniques for Gaussian Processes
7.7 Exercises
7.8 Further Reading and Advanced Topics

Chapter 8: Applications of Support Vector Machines
8.1 Text Categorisation
8.2 Image Recognition
8.3 Hand-written Digit Recognition
8.4 Bioinformatics
8.5 Further Reading and Advanced Topics

APPENDIX A: Pseudocode for the SMO Algorithm

APPENDIX B: Background Mathematics
References
Index

Instructions to Authors

All contributions should be written in English or French, should have an abstract in English (as well as one in French if the paper is written in French) and – with the exception of Communications – should be sent in triplicate to Nelly Segal, Editorial Manager, RUTCOR Rutgers, The State University of New Jersey, 640 Bartholomew Road, Piscataway, NJ 08854-8003, USA. The authors are requested to put their mailing address on the manuscript.

Upon acceptance of an article, the author(s) will be asked to transfer copyright of the article to the Publisher. This transfer will ensure the widest possible dissemination of information.

(see also http://www.elsevier/locate/dam)

No page charge is made.

Manuscripts submitted for the Communications section, having at most 5 typewritten pages, should be sent to a member of the editorial board in triplicate. Detailed proofs do not have to be included, but results must be accompanied at least by rough outlines of their proofs. Subsequent publication in this journal or elsewhere of the full text of a research report, the outline of which has been published in the Communications section of our journal, is not excluded. Every effort shall be made for the fastest possible publication of Communications. Consequently the presentation of these manuscripts should be very clear.

Please make sure that the paper is submitted in its final form. Corrections in the proofstage, other than of printer's errors, should be avoided; costs arising from such extra corrections will be charged to the authors.
The manuscript should be prepared for publication in accordance with instructions given.

1. The manuscript must be typed on one side of the paper in double spacing with wide margins. A duplicate copy should be retained by the author.
2. Special care should be given to the preparation of the drawings for figures and diagrams. Except for a reduction in size, they will appear in the final printing in exactly the same form as they were submitted by the author; normally they will not be redrawn by the printer. In order to make a photographic reproduction possible, all drawings should be on separate sheets, with wide margins, drawn large size, in India ink, and carefully lettered. Exceptions are diagrams only containing formulae and a small number of single lines (or arrows); these can be typeset by the printer.
3. References should be listed alphabetically, in the same way as the following examples:
   For a book: W.K. Chen, Applied Graph Theory (North-Holland, Amsterdam, 1971).
   For a paper in a journal: J. Rhodes and B.R. Tilson, Lower bounds for complexity of finite semigroups, J. Pure Appl. Algebra 1 (1971) 79–95.
   For a paper in a contributed volume: M.O. Rabin, Weakly definable relations and special automata, in: Y. Bar-Hillel, ed., Mathematical Logic and Foundations of Set Theory (North-Holland, Amsterdam, 1970) 1–23.
   For an unpublished paper: D. Allen, Relations between the local and global structure of finite semigroups, Ph.D. Thesis, University of California, Berkeley, CA (1968).

Instructions for LaTeX manuscripts

The Elsevier LaTeX package (including detailed instructions for LaTeX preparation) can be obtained from Elsevier's web site: www.elsevier.nl/locate/latex, or www.elsevier.com/locate/latex, or www.elsevier.co.jp/locate/latex, or from the Comprehensive Tex Archive, Network (CTAN). The Elsevier package consists of the files: elsart.cls (use this file if you are using LaTeX2e, the current version of LaTeX), elsart.sty and elsart12.sty (use these two files if you are using LaTeX2.09, the previous version of LaTeX), instraut.dvi and/or instraut.ps and/or instraut.pdf (instruction booklet), model-harv.tex or model-num.tex (model files with instructions), template-harv.tex or template-num.tex (template files). To obtain the package from CTAN, use direct access via FTP at ftp.dante.de (Germany), ftp.tex.ac.uk (UK), or ctan.tug.org (Massachusetts, USA) and go to the directory/tex-archive/macros/latex/contrib/supported/elsevier, or search for Elsevier with one of the CTAN search engines (http://ctan.tug.org/CTANfind.html), (http://www.tex.ac.uk/CTANfind.html) or (http://www.dante.de/cgi-bin/ctan-index). CTAN is a mirrored network of ftp.tex.ac.uk, ftp.dante.de and ctan.tug.org, which are widely mirrored (see ftp://ctan.tug.org/tex-archive/README.mirrors) and hold up-to-date copies of all the public-domain versions of TeX, LaTeX, Metafont and ancillary programs.

The files should be mailed to: Log-in Department, Elsevier Science B.V., P.O. Box 2759, 1000 CT Amsterdam, Netherlands. E-mail: m.griffin@elsevier.com.

Mathematical Software Section
The section will consider papers falling in the same areas as DAM, and will essentially publish three kinds of contributions:

1. Regular papers, processed and accepted for their mathematical novelty, for which, in addition, the authors give and describe the corresponding computer codes.
2. Papers presenting significant implementations of algorithms from the literature, provided they are of particular interest to the scientific community. Criteria for acceptance of this kind of contribution will be: high efficiency, proved through extensive computational experiments, significantly improving that of the best existing codes (one order of magnitude is considered to be significant); novelty of the software, when no other code for the same problem is available to the public domain.
3. Papers presenting comparative studies on relevant existing software.

To submit their work, authors are requested:
- to mail three hard copies of the manuscript to Nelly Segal, Editorial Manager, RUTCOR, Rutgers University, P.O. Box 5062, New Brunswick, NJ 08903-5062, U.S.A., mentioning "Mathematical Software Section" in their covering letter and
- To send the codes electronically to Professors S. Martello and P. Toth at **smartello@deis.unibo.it/ptoth@deis.unibo.it**

Only source codes are considered. Accepted languages are FORTRAN and C. The codes must strictly conform to the ANSI 77 Standard FORTRAN and to the ANSI C Standard, respectively.

The codes must be clean, well documented and self contained. Use of machine-dependent constants and functions should be avoided or, when needed, clearly stated. Each code must contain a main subroutine or procedure which receives all the input data and yields all the output data as parameters. Such a routine must begin with a comments section providing:
- clear description of the domain of applicability
- meaning of each input and/or output parameter
- list of machine dependent constants and functions
- list of the routines composing the codes
- type of structure of all the parameters
- rules for the arrays dimensioning
- meaning of the main interval variables

Indentation is recommended for loops and if-then-else statements. The labels in each routine should be consecutive with constant step. Examples of well-structured codes can be found in Martello and Toth, "Knapsack Problems: Algorithms and Computer Implementations", Wiley, 1990.

Each code must be accompanied by a driver program which:
- defines the input data for one or more sample instances through assignment or input statements (in the latter case, the contents of the input records must be explicitly listed)
- calls the main routine of the code
- prints out the results on a standard unit. (The comments section of the driver program must provide the expected output.)

The codes will be available via a library managed by Elsevier Science through a Web-server at http://www.elsevier.com/locate/dam

Copyright in the articles is held, except where noted, by Elsevier Science. Copyright as well as other proprietary rights in the source code are held by the authors. By submitting the code along with the article, the authors have agreed to permit the readers of *Discrete Applied Mathematics* the right to use the algorithms for personal and professional research use, but not for any further redistribution, further sublicensing, or commercial use. All rights are otherwise reserved.

Subscription Information

Discrete Applied Mathematics (ISSN 0166-218X). For 2001 Volumes 107–115 are scheduled for publication. A combined subscription to Discrete Applied Mathematics and Discrete Mathematics (Vols. 226–241) at reduced rate is available.
Subscription prices are available upon request from the publisher. Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by surface mail except to the following countries where air delivery via SAL is ensured: Argentina, Australia, Brazil, Canada, Hong Kong, India, Israel, Japan, Malaysia, Mexico, New Zealand, Pakistan, PR China, Singapore, South Africa, South Korea, Taiwan, Thailand, USA. For all other countries airmail rates are available upon request.

Advertising information. Advertising orders and enquiries can be sent to: **Europe and ROW**: Rachel Leveson-Gower, Elsevier Science Ltd., Advertising Department, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; phone: (+ 44) (1865) 843565; fax: (+ 44) (1865) 843976; e-mail: r.leveson-gower@elsevier.co.uk. **USA and Canada**: Elsevier Science Inc., Mr Tino DeCarlo, 655 Avenue of the Americas, New York, NY 10010-5107, USA; phone: (+ 1) (212) 633 3815; fax: (+ 1) (212) 633 3820; e-mail: t.decarlo@elsevier.com. **Japan**: Elsevier Science Japan KK, Advertising Department, 9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106, Japan; phone: (+ 81) (3) 5561-5033; fax: (+ 81) (3) 5561 5047.

Orders, claims, and product enquiries (no manuscript enquiries): please contact the Customer Support Department at the Regional Sales Office nearest to you:

New York: Elsevier Science, P.O. Box 945, New York, NY 10159-0945, USA. phone: (+ 1) 212-633-3730, [toll free number for North American customers: 1-888-4ES-INFO (437-4636)], fax: (+ 1) (212)-633-3680, e-mail: usinfo-f@elsevier.com

Amsterdam: Elsevier Science, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. phone: (+ 31) 20 485 3757, fax: (+ 31) 20 485 3432, e-mail: nlinfo-f@elsevier.nl

Tokyo: Elsevier Science, 9-15, Higashi-Azabu 1-chome, Minato-ku, Tokyo 106, Japan; phone: (+ 81) (3)-5561 5033; fax: (+ 81) (3)-5561 5047, e-mail: info@elsevier.co.jp

Singapore: Elsevier Science, No. 1 Temasek Avenue, # 17-01 Millenia Tower, Singapore 039192; phone: (+ 65) 434 3727; fax: (+ 65) 337 2230, e-mail: asiainfo@elsevier.com.sg

Rio de Janeiro: Elsevier Science, Rua Sete de Setembro 111/16 Andar, 20050-002 Centro, Rio de Janeiro–RJ, Brazil; phone: (+ 55)(21) 509 5340; fax: (+ 55)(21) 507 1991; e-mail: elsevier@campus.com.br [Note (Latin America): for orders, claims and help desk information, please contact the Regional Sales Office in New York as listed above]

Authors' benefits

1. 50 reprints per contribution free of charge.
2. 30% discount on all Elsevier Science books.

US mailing notice – Discrete Applied Mathematics (0166-218X) is published semi-monthly by Elsevier Science B.V., Customer Support Department, P.O. Box 211, 1000 AE Amsterdam, The Netherlands, Fax: + 31 20 4853432. Annual subscription price in the USA US$ 2089.00 (US$ price valid in North, Central and South America only), including air speed delivery. Periodicals postage paid at Jamaica, NY 11431.

USA POSTMASTERS: Send address changes to Discrete Applied Mathematics, Publication Expediting, Inc., 200 Meacham Avenue, Elmont, NY 11003. Air freight and mailing in the USA by Publication Expediting.

CONTENTS Direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.com/locate/contentsdirect.**

0166-218X(2001)101-110;1-G

Keep track of recently published papers via the journal's home page on the WWW: http://www.elsevier.com/locate/dam